

Title (en)

PROCESS FOR REMOVAL OF NITROGEN AND POLY-NUCLEAR AROMATICS FROM FCC FEEDSTOCKS

Title (de)

VERFAHREN ZUR ENTFERNUNG VON STICKSTOFF UND MEHRKERNIGEN AROMATEN AUS FCC-EINSATZSTOFFEN

Title (fr)

PROCÉDÉ DE RETRAIT DE L'AZOTE ET DES AROMATIQUES POLYNUCLÉAIRES DE CHARGES FCC

Publication

**EP 2087071 B1 20170111 (EN)**

Application

**EP 07839994 A 20071106**

Priority

- US 2007023562 W 20071106
- US 59396806 A 20061106

Abstract (en)

[origin: US2008105595A1] A feedstream to a hydrocracking unit is treated to remove or reduce the content of polynuclear aromatics and nitrogen-containing compounds by contacting the feedstream with an adsorbent compound selected from attapulgus clay, alumina, silica gel and activated carbon in a fixed bed or slurry column and separating the treated feedstream that is lower in the undesired compounds from the adsorbent material. The adsorbent can be mixed with a solvent for the undesired compounds and stripped for re-use.

IPC 8 full level

**C10G 25/00** (2006.01); **C10G 25/06** (2006.01); **C10G 55/06** (2006.01); **C10G 67/06** (2006.01)

CPC (source: EP US)

**C10G 25/00** (2013.01 - EP US); **C10G 25/003** (2013.01 - EP US); **C10G 25/06** (2013.01 - EP US); **C10G 55/06** (2013.01 - EP US); **C10G 67/06** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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**US 59396806 A 20061106**; BR PI0716295 A 20071106; CA 2668842 A 20071106; EA 200900666 A 20071106; EP 07839994 A 20071106; ES 07839994 T 20071106; JP 2009536301 A 20071106; NO 20091497 A 20090416; US 2007023562 W 20071106; US 78991010 A 20100528